Hams in the Hood:

You're in the right place, come in and sit down…

T xx

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Seattle
CHOCOLATE
COMPANY

Hams in the Hood:

Providing Neighborhood Links in Emergency Communications

Curt Black – WR5J

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Frank Gaul – KE7LHC

Chair, Queen Anne/Magnolia Emergency Planning Committee

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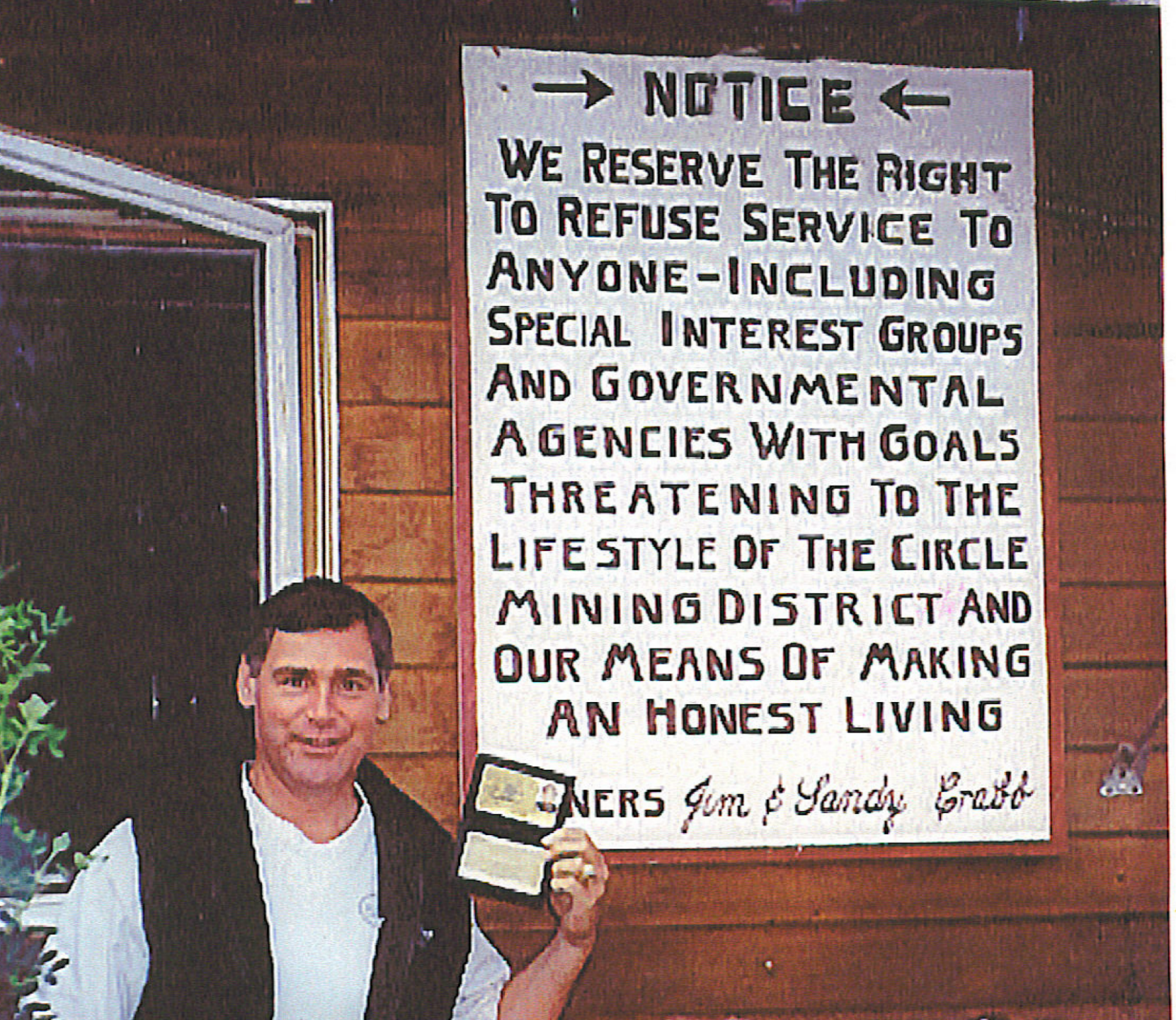

→ NOTICE ←
WE RESERVE THE RIGHT
TO REFUSE SERVICE TO
ANYONE-INCLUDING
SPECIAL INTEREST GROUPS
AND GOVERNMENTAL
AGENCIES WITH GOALS
THREATENING TO THE
LIFESTYLE OF THE CIRCLE
MINING DISTRICT AND
OUR MEANS OF MAKING
AN HONEST LIVING
NERS Jim & Sandy Grabb

The purpose of this session is to:

❖1) Inform hams of the existence of the Communications Hub network and the locations and contacts near them;

❖2) Initiate a discussion between hams about the opportunity to assist their hub** and solicit operational specifics;

**and the inverse: to have their disaster resistant community mutually assist their family and neighbors

❖3) Advertise to the ham community this pool of citizens interested in communication who might be prospective licensees;

❖4) Discuss applications in areas beyond Seattle; …and,

❖5) As time permits, demonstrate use of simple but effective digital emergency communications techniques including acoustic coupling of radios to laptops running FLDIGI, PACLINKW, or other free software.

This Afternoon's Trajectory:

- ❖1) Motivational Overview of Seattle's Impending Disasters;
- ❖2) Review Earthquake Hazards and Survival Strategies;
- ❖3) Overview of Existing Support – Project Impact and SNAP;
- ❖4) Queen Anne/Magnolia Disaster Response Planning;
- ❖5) West Seattle Communications Hubs;
- ❖6) How Hams Can Help And Probably Benefit, Too – Discussion
- ❖7) Spectrum of Ham Infrastructure for Getting the Word Out –
- ❖ Adding Sound Card Digital Techniques to our Bag of Tricks…

❖And Now – Let the Motivation Begin…in mostly alphabetical ord

Civil Unrest! Major Seattle Incidents

2001 Mardi Gras Pioneer Square 2 nights 1 death

1999 WTO Downtown, Capitol Hill 4 nights

1992 Rodney King Downtown, Capitol Hill 2 nights

1969 Party Enforcement University District 2 nights

1967 Racial Tension Mostly Central Area Throughout summer

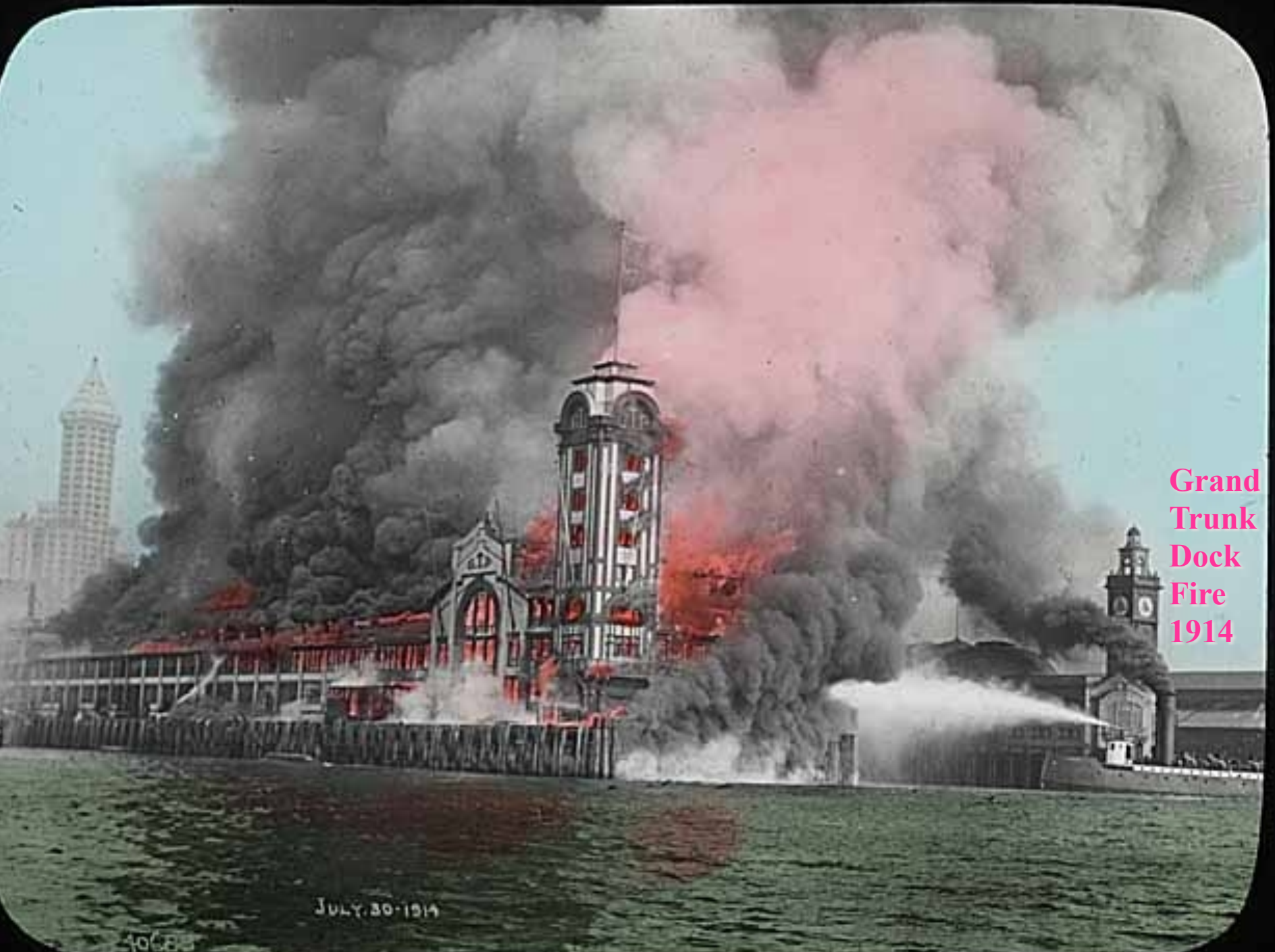
1919 General Strike City-wide 3 days

1886 Anti-Chinese Mob International District 1 day

POLICE

Merry Christmas
from Seattle
POLICE
© colleen schaller

On June 6, 1889, an overturned carpenter's glue-pot started a fire which destroyed fifty blocks of downtown Seattle, most of its business and commercial district. The fire burned practically every bank, hotel, newspaper office, warehouse and retail establishment in the city. The property damage was in the tens of millions of dollars (1889 dollars). "No other American city has suffered a loss proportionately great," reported the Seattle Post-Intelligencer.



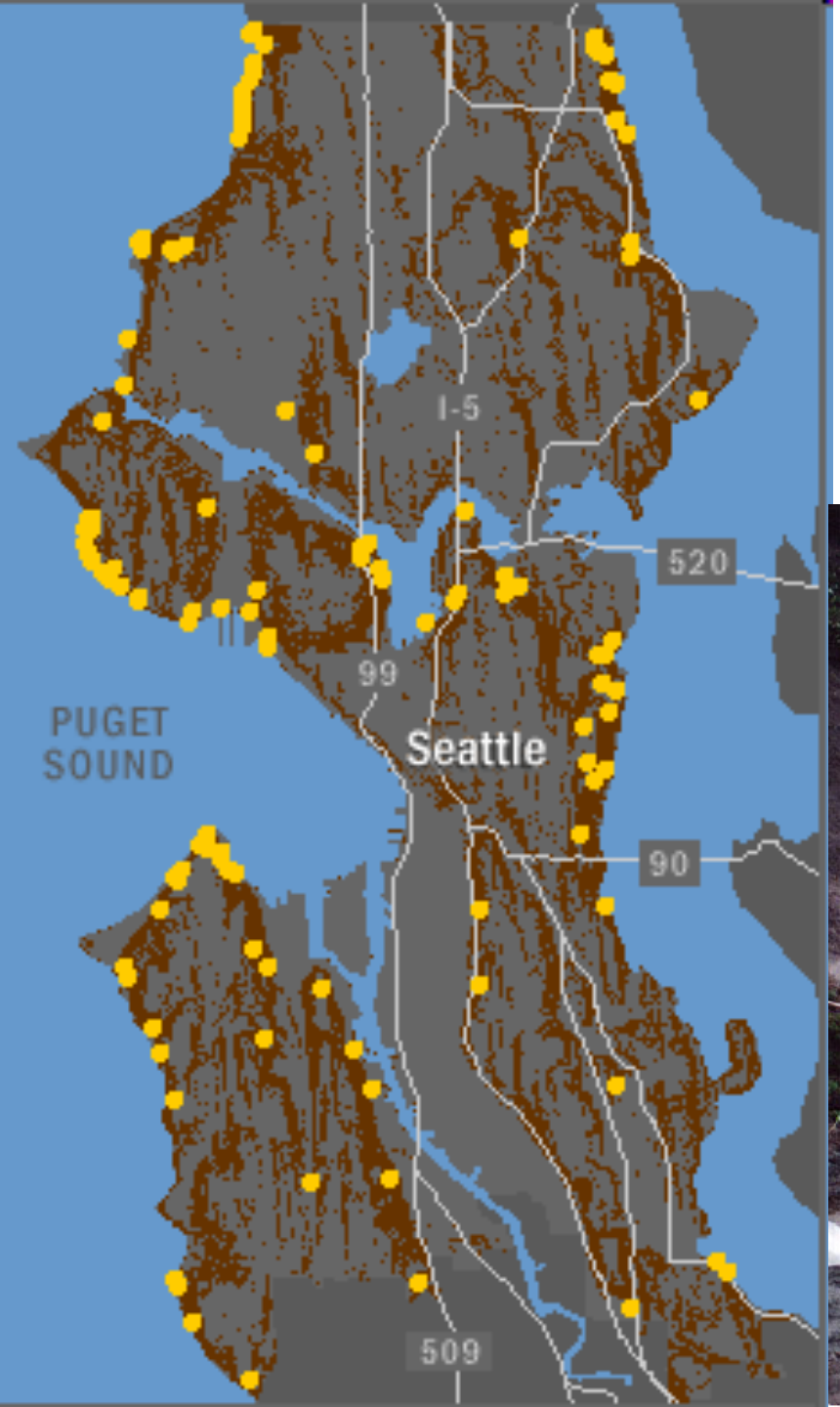
Grand Trunk Dock Fire 1914

Flood!

Hazardous Materials!

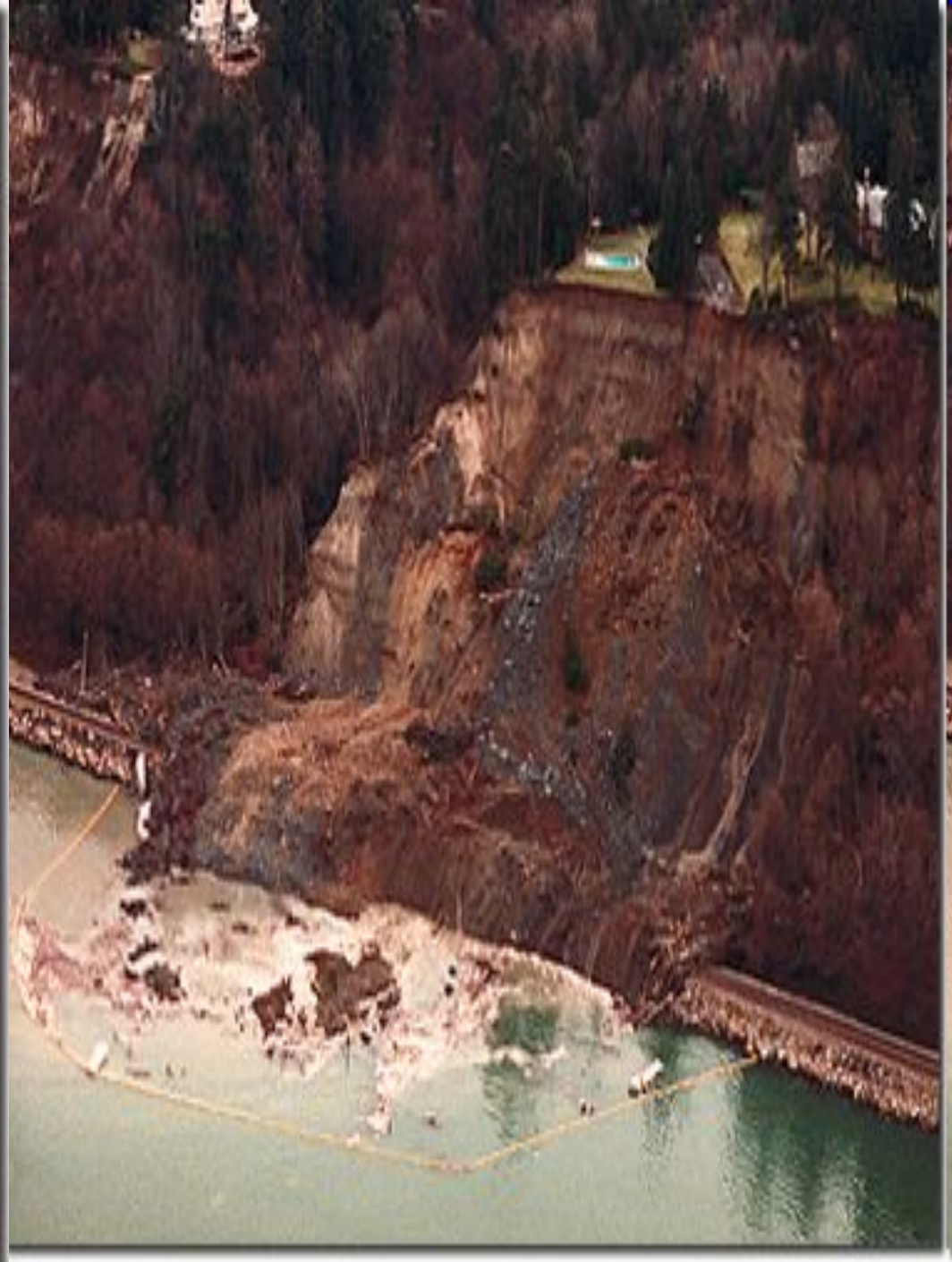
Heat & Cold Emergencies!

Cold Emergencies

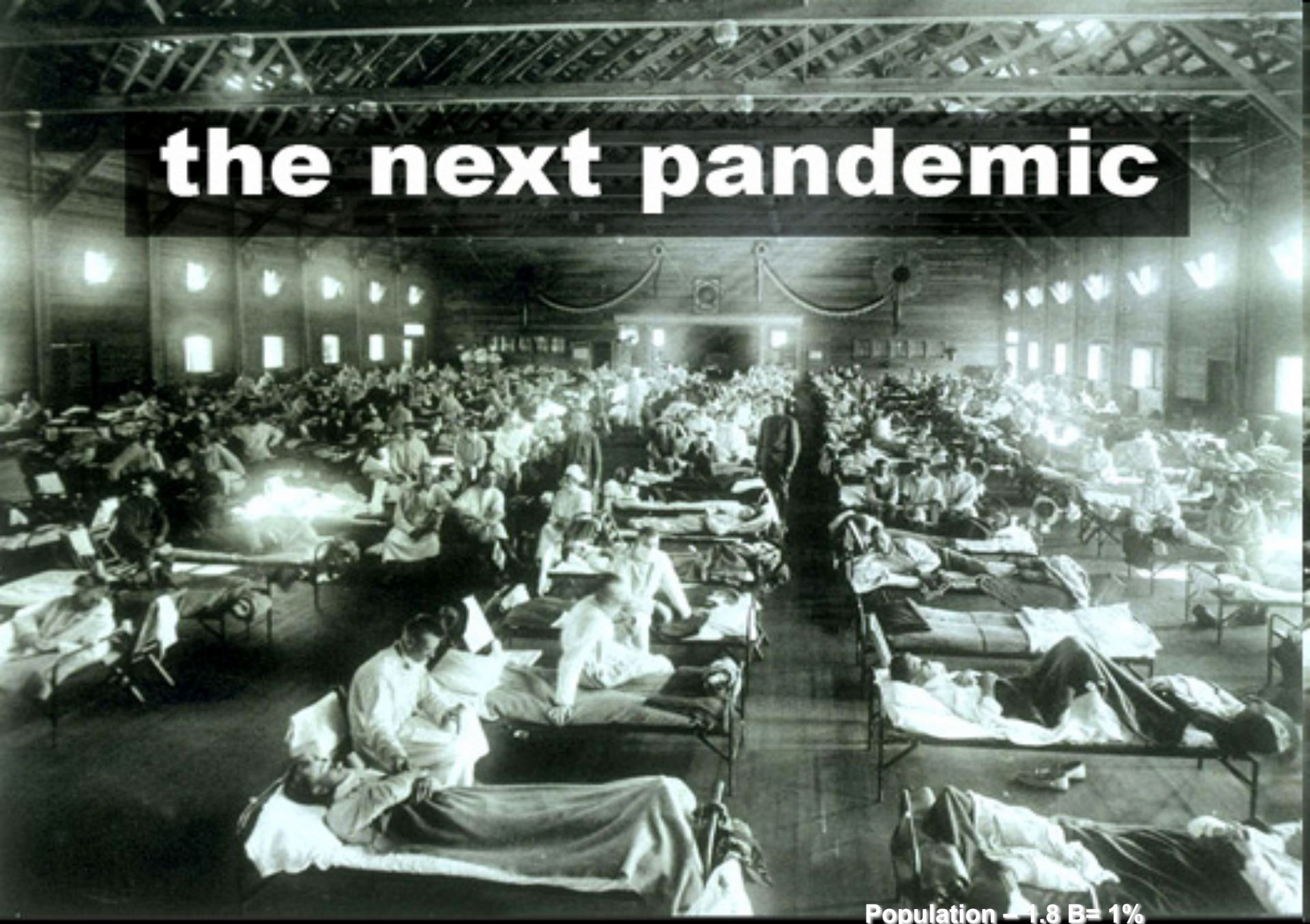


Landslide!

Seattle 1996-1997



1921 Alki Beach


the next pandemic
1918 Influenza: 20,000,000 died
Population – 1.8 B= 1%
5% in India 60% natives in Nome

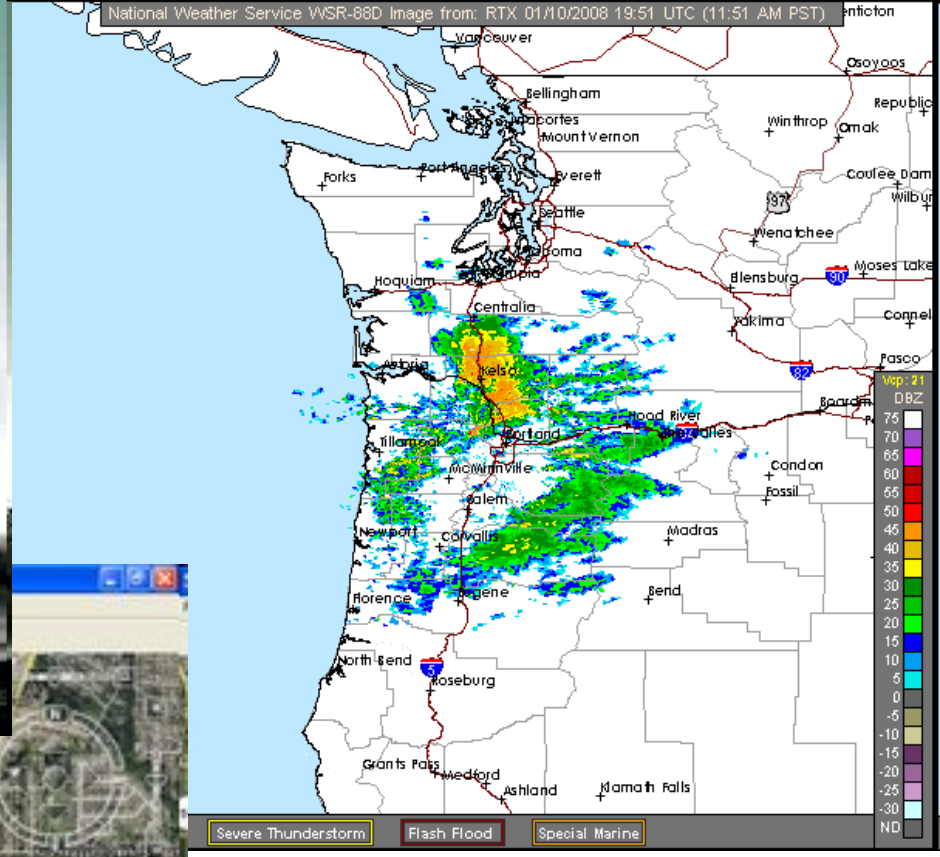
Power Blackouts!

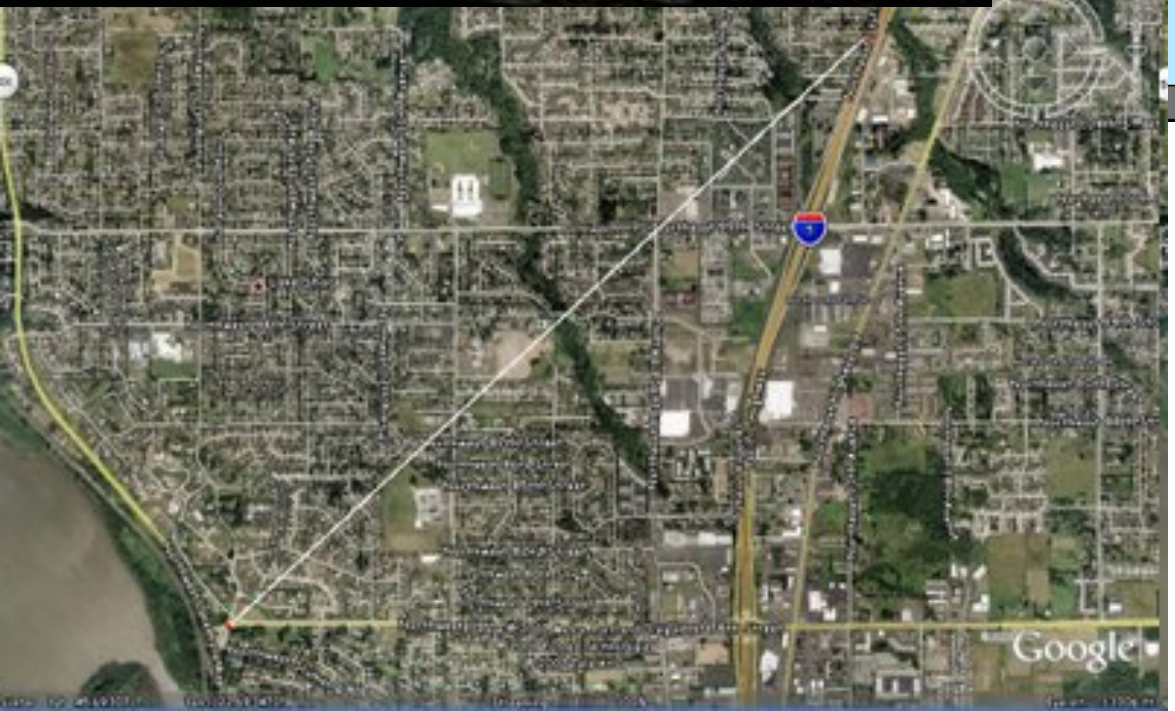
TERRORISM ALERT!

Ahmed Ressam "Millennium Bomber" is arrested in Port Angeles Dec 14, 1999 – heading for LAX with timers and explosives

Tornados!

Yes, Even in Washington





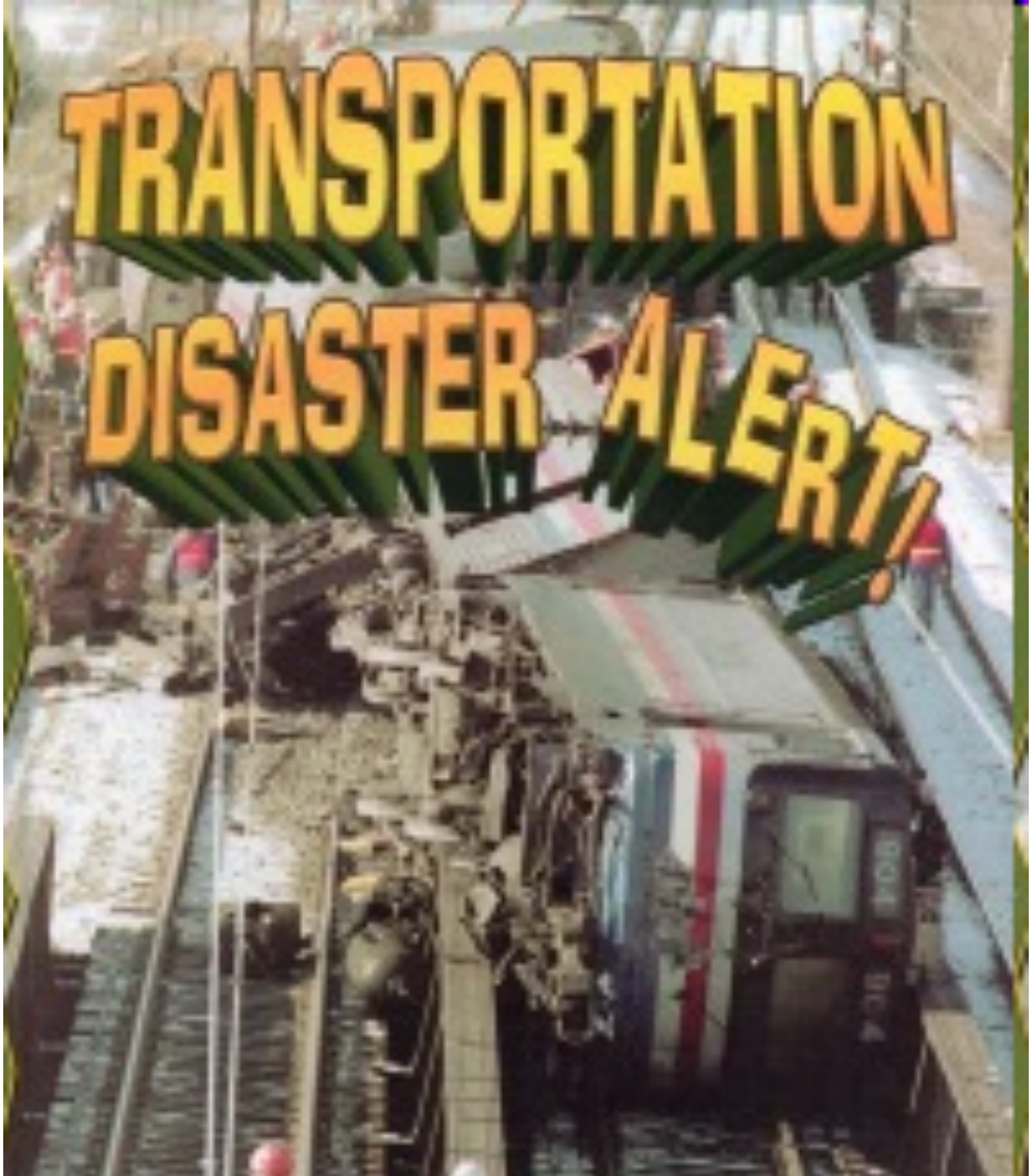
Vancouver, WA

April 5, 1972

6 dead

300 injured

$3 million damages


TRANSPORTATION
DISASTER ALERT!

16
5

Tsunami!

Title: 04122904_57
Subtitle: IndonesiaVideo
Dub Date: 12/29/04 12:40

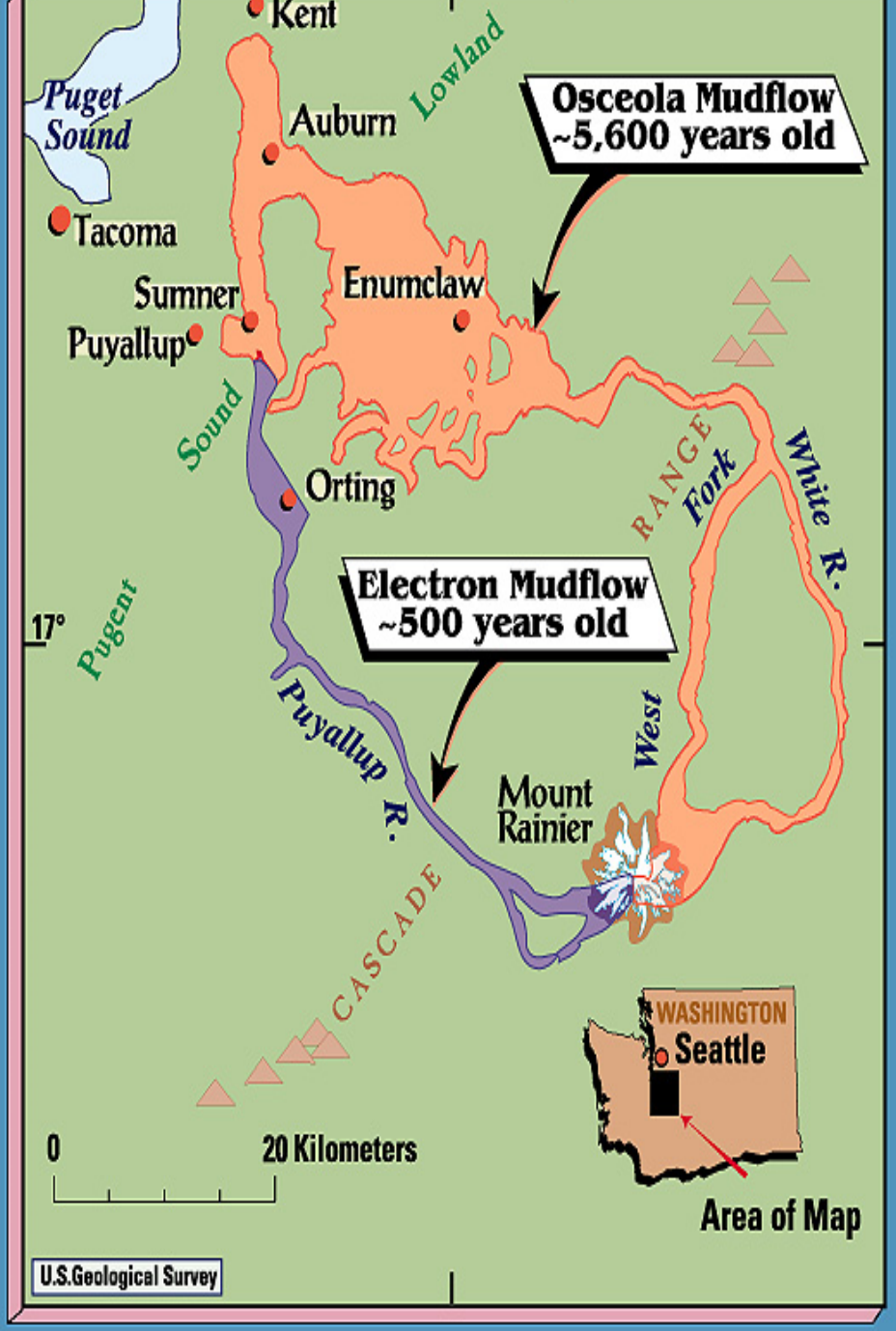
Louisiana
Cuba
Yucatan

June 16, 2001

September 28, 2005

Think: Seaside, OR
Alki Beach

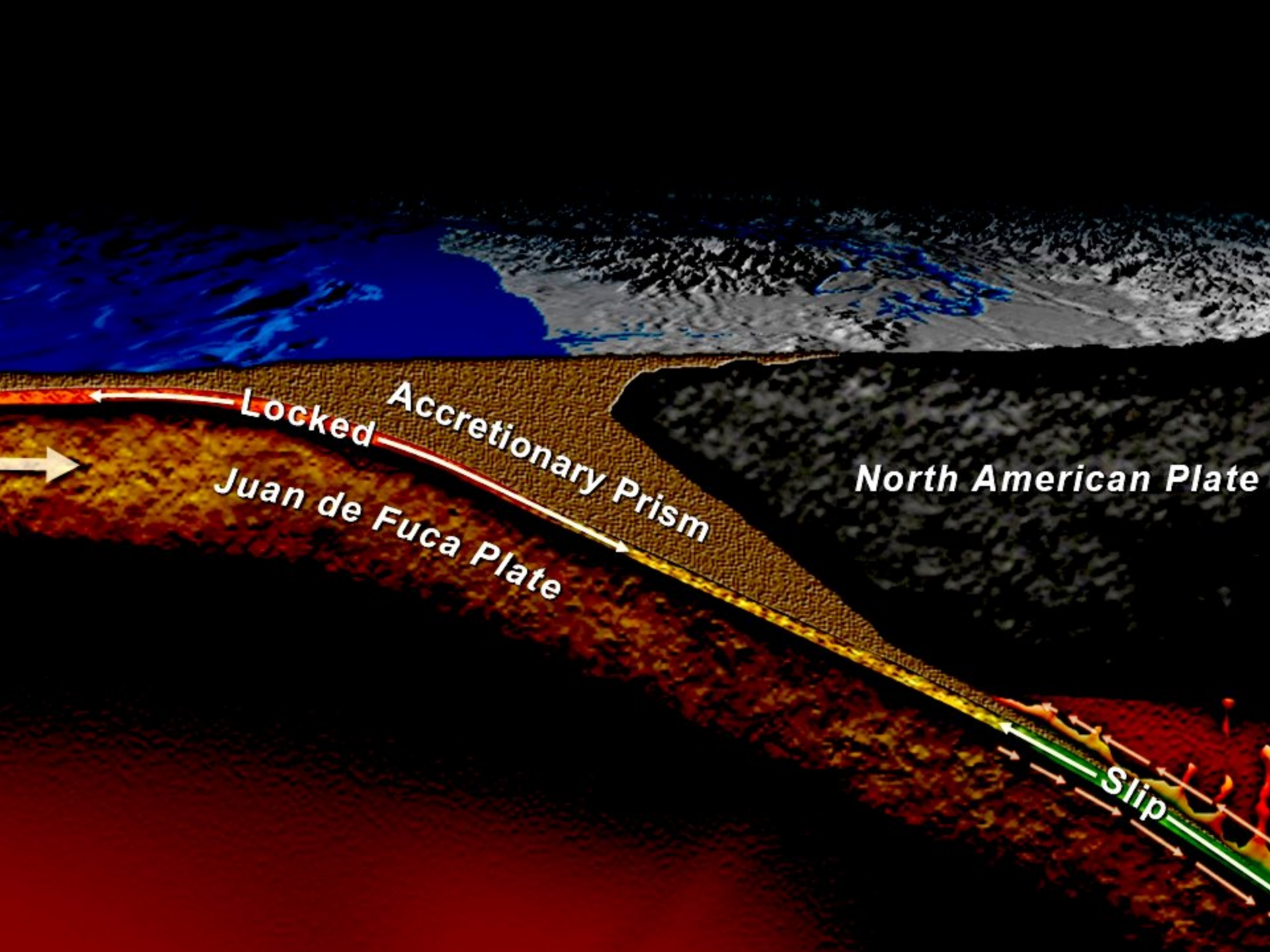
Volcanos!


Kent
Puget Sound
Auburn
Lowland
Osceola Mudflow ~5,600 years old
Tacoma
Sumner
Puyallup
Enumclaw
Sound
Orting
RANGE
Fork
White R.
Electron Mudflow ~500 years old
17°
Pugent
Puyallup R.
West
Mount Rainier
CASCADE
WASHINGTON
Seattle
0
20 Kilometers
Area of Map
U.S.Geological Survey

Drought or Water
Infrastructure Failure!

Not IF But When: Earthquakes!

Airport Way Slide


Locked
Accretionary Prism
Juan de Fuca Plate
North American Plate
Slip

Earthquake Take Home Points

Not IF But When – Every second that goes by makes it more likely …

Every second that goes by means that when it occurs…

Preparation and Training Aid Survival

Duck – Cover & Hold -- Don't Run

The Building is (probably) Your Friend

Worried About Home or Family? Take Steps Now!

Project IMPACT Hardens Your Community = Disaster Resistant

Seismic Retrofitting Structures and Bridges

Mapping Slide and Liquefaction Zones

Teaching Home Retrofitting Skills

Creating Self Reliant Communities
SNAP

BUILDING A DISASTER RESISTANT COMMUNITY.
PROJECT IMPACT SEATTLE

Seattle Neighborhoods Actively Prepare - SNAP Team

Local – Self Organizing Teams
Neighbors Creating Community
Dividing Tasks like Gas Shutoff and First Aid and Child Care and Hazard Marking and Damage Assessment

Trapped at Work? Your home and family is in the hands of a community you helped build and train – with City Help

“Cement Beams” = Steel Rebar

Real Purty City…
Shame if anthing bad
happenerd to it…

Human Nature to Ignore Vague Future Threats…

Like Fixin' Your Roof…

Now – Back to Ham Radio – the Bridge out of this Chaos

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